



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 137930

Date: August 15, 2018

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name:

Motor#: 137930

## Name Plate Information

Manufacturer:	Weg	Enclosure :	Open Drop Proof (ODP)	Horsepower/kW:	HP 30
Serial#:	1011	Model#:	PHC03009E93ER3 64TCZ	Service Factor:	1.25
Frame:	364TCZ	Rated RPM:	900	Rated Voltage:	230/460
Phase:	3	Rated Amps:	76.3/38.15	Cycles:	60
Special design:	No				

**WEST TENNESSEE**

7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

**CENTRAL ARKANSAS**

6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254



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## AC Electrical Inspection

Megs at reassembly: Good

Surge at reassembly: Good

Hi-pot reassembly: Good

### Winding Resistance Incoming

Phases A to B

Phases B to C

Phases C to A

Resistive imbalance

Outgoing

## Test Run Inspection

Date August 15, 2018

— I have merged this motor and verified that all electrical tests are complete!

### Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	460.8	465.1	463.0
No Load Current	10.81	12.44	11.64

### Temperatures: (Degrees Fahrenheit)

**Test run ball-bearing motors for 15 minutes.**

**Test run sleeve bearing motors for 60 minutes.**

Temperature rise at the end of test run should be less than 2° every five minutes.

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## Test Run Inspection (Continued)

**Ambient Temp:** 88.7

TIME	DE	Degree Change	ODE	Degree Change
START:	75	0	75	0
5 MIN:	80	5	77	3
10 MIN:	82	2	78	1
15 MIN:	84	2	80	2
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

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## Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak (Readings should be less than .08 In/Sec Peak)

	Horizontal	VDE	Axial
DE	0.081	0.069	0.066
ODE	0.077	0.075	0.050

## Magnetic Center Measurements (Only Applies to Sleeve Bearing Motors)

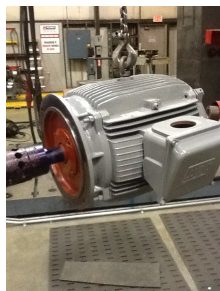
Magnetic Center line distance from shaft shoulder

Magnetic Center line distance from all the way out mark

Magnetic Center line distance from all the way in mark

Total Motor End Float

## Additional photos



☐ Yes, the shaft has been isolated for delivery.

Service Tech name: Michael

Service Tech signature: